

DEV-KLEEN 251

Dev-Kleen 251 is a low-temperature, heavy-duty **highly alkaline** liquid cleaner designed to remove all types of soils from ferrous metals.

As a strong alkaline soak cleaner **Dev-Kleen 251** will typically remove cutting oils, drawing and stamping compounds, coolant residues, buffing compounds, dirt and metal fines. The particular wetting agents used in **Dev-Kleen 251** provide fast wetting and lead to the rapid loosening and dispersing of dirt, greases and oils.

Dev-Kleen 251 has the following advantages:

- Liquid formulation for easy additions and is suitable for automatic pump applications.
- Effective in all equipment: Soak, cylindrical screw conveyor, and mild air-agitation.
- Functions exceptionally well at **low temperatures**, reducing energy costs.
- Prevents scale build-up on tank walls, pipes, nozzles and steam coils.
- Has long life and is economical to use.
- Fast dispersion of buffing compounds, greases, synthetic oils and other soils.
- Low foaming
- Rapid smut removal

MAKE UP:

Dev-Kleen 251	3 to 5%	Soak cleaning
Dev-Kleen EA (To Emulsify)	0.3 to 0.5%	
or Dev-Kleen SA (To Split)	0.3 to 0.5%	
Temperature	110 to 160 °F.	130 to 140 °F (optimum)
Time:	2 to 6 minutes	

TITRATION:

- Take 20 ml sample.
- Add 50 - 70 mls of DI water and 3 or 4 drops of phenolphthalein.
- Titrate with 1.0 N Hydrochloric Acid. End point: pink → clear.

Calculation: Mls 1.0 N HCl X 1.11 = % of **Dev-Kleen 251**

CAUTION:

This product is extremely caustic. Gloves and goggles should always be used when handling this product. In case of contact with skin or eyes, flush immediately with cold water and contact physician.

DISCLAIMER:

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